

XL marlin Lighting

MULTIPLE APPLICATIONS Recessed Light Data Sheet

Model: OLD9WCOB



General Data

Power	9 Watts
LED type	1 PC 9W CREE COB LED
Luminous flux	435-490lm
CCT	3000K or 4000K as standard. Different CCT upon request.
CRI	80+
Beam angle	10°, 20°, 30°
Dimension	Ø130x35mm
Cut out dia.	Inground light: Ø118 mm Deck light: Ø115 mm
Weight (kgs)	0.72 KGS
Lamp Life	50000 hrs
SDCM	≤3
Ambient Temp.	-15~50°C
RAL Color	80+
Oper. Temp.	-15~50°C
Certifications	CE, RoHS

Construction Data

IP rating	IP67 Waterproof
IK rating	IK08
Housing	Solid Passivated (Anodizing) Aluminum CNC machined
Protection finishing	20~25µm thickness anodized film for housing. Dark grey color
Trim	Stainless steel 316
Glass	Step tempered clear glass as standard T=8mm
Loading capacity	2000 kgs
Cable Gland	PG7 IP67
Gasket	O-ring PMQ silicone seal

Electrical Data

Input voltage	DC 24V
Insulation class	Class III
Cable	1PC rubber cable 1M H05RN-F 2x1mm square
Driver	Built-in low voltage constant current driver without transformer
Control	ON/OFF / PWM

Accessories

Mounting Sleeve	Aluminium sleeve optional used as inground light
Clip	Two clips with screws used as downlight / deck light

APPLICATIONS

Recessed luminaire for installation in ground, compact, robust design, providing ideal performance and flexibility for both indoor and outdoor applications, using less energy thanks to the latest energy-saving technology due to its high energy efficiency and longer lasting LED chip.

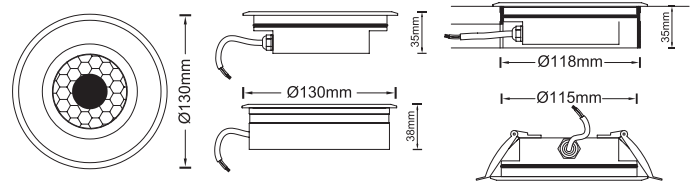
PRODUCT DESCRIPTION

Deck lights or ceiling lights application recessed luminaire for outdoor installation, anodized extruded aluminium body, tempered glass diffuser, stainless steel housing trim. Low power CREE LED, IP67

FIXTURE CONSTRUCTION

20~25µm thickness anodized film for housing with stainless steel 316 trim, solid passivated (anodizing) Aluminum CNC machined, Step tempered Glass. T=8mm. Built-in low voltage constant current driver without transformer, O-ring PMQ silicone seal gasket and cable gland for waterproof IP67, with 1PC rubber cable 1M H05RN-F 2x1mm square

Dimension Drawing

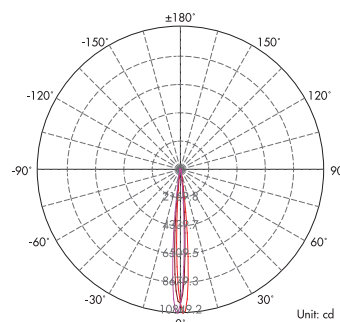


Lamp Options

Part Number	CCT	B. angle
OLD9WCOBC3B10	3000 K	10°
OLD9WCOBC4B10	4000 K	10°
OLD9WCOBC3B20	3000 K	20°
OLD9WCOBC4B20	4000 K	20°
OLD9WCOBC3B30	3000 K	30°
OLD9WCOBC4B30	4000 K	30°

Photometric Data (3000K, 10°)

Light Distribution Curve [Unit: cd]



Lux distance Curve

Height	Center E	Average E	Diameter
3.281ft	940.93fc	692.211fc	0.502ft
1.0m	10128lx	7450.960lx	0.153m
6.562ft	235.23fc	173.053fc	1.004ft
2.0m	2532.1lx	1862.740lx	0.306m
9.843ft	104.55fc	76.912fc	1.506ft
3.0m	1125.4lx	827.884lx	0.459m
13.123ft	58.808fc	43.263fc	2.007ft
4.0m	633.01lx	465.685lx	0.612m
16.404ft	37.637fc	27.688fc	2.509ft
5.0m	405.13lx	298.038lx	0.765m